

## ABSTRACT

There are provided a transmitting/receiving apparatus and method for packet data service in a mobile telecommunication system. To determine the transmission format of packet data between a first format and a second format longer than the first format based on at least one channel state value received from a mobile station, received channel state values are sequentially stored. Then, the differences between all adjacent channel state values are calculated and summed. The sum is compared with a predetermined threshold. If the sum is greater than or equal to the predetermined threshold, the transmission format of the packet data is determined as the first format. If the sum is less than the predetermined threshold, the transmission format of the packet data is determined as the second format.